

<110> Meyers, Rachel
MacBeth, Kyle
Tsai, Fong-Ying

<130> MNI-188

<150> 60/229,829

<151> 2000-08-31

<160> 3

<170> FastSEQ for Windows Version 4.0

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<211> 4052

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$

<221> CDS

 $\langle 222 \rangle \quad (459) \dots (1592)$ $\langle 400 \rangle$ 1[illegible]

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Gly Arg Arg Val Lys Lys Trp Gln Leu Ile Ile Gln Leu Phe Ala Thr
10 15 20

tgt ttt tta gcg agc ctc atg ttt ttt tgg gaa cca atc gat aat cac 572
Cys Phe Leu Ala Ser Leu Met Phe Phe Trp Glu Pro Ile Asp Asn His

25 30 35

att gtg agc cat atg aag tca tat tct tac aga tac ctc ata aat agc 620
Ile Val Ser His Met Lys Ser Tyr Ser Tyr Arg Tyr Leu Ile Asn Ser
40 45 50

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| tat | gac | ttt | gtg | aat | gat | acc | ctg | tct | ctt | aag | cac | acc | tca | gcg | ggg | 668 |
| Tyr | Asp | Phe | Val | Asn | Asp | Thr | Leu | Ser | Leu | Lys | His | Thr | Ser | Ala | Gly | |
| 55 | | | | | 60 | | | | | 65 | | | | | 70 | |

cct cgc tac caa tac ttg att aac cac aag gaa aag tgt caa gct caa 716
Pro Arg Tyr Gln Tyr Leu Ile Asn His Lys Glu Lys Cys Gln Ala Gln
75 80 85

[illegible]

gct gcg ttt atc taatagtact tgaatgttgt atgttttcac tgtcactgag 1632
Ala Ala Phe Ile
375

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| taatatcact | tatctacttc | attgcctaag | ttcatttcaa | agaatttgta | tttagaaaag | 1812 |
| gtttatatta | ttagtgtaaa | caaaactaaa | gggaagttca | agttctcatg | taatgccaca | 1872 |
| tatatacttg | aggtgtagag | atgttattaa | gaagttttga | tgtagaata | attgcttttg | 1932 |
| gaaaatacca | aatgaacgta | cagtacaaca | tttcaaggaa | atgaatatat | tgtagacca | 1992 |
| ggtaagcaag | tttatttttg | ttaaagagca | cctgggtggag | gtagtagggg | cagggaaagg | 2052 |
| tcagcatcag | agagaaagtt | catgaattcg | gtaaaacagt | ctcttgttct | taagaggaga | 2112 |
| tgtagaaaaa | tgtgtacaat | gttattataa | acagacaaat | cacgtcttac | cacatccatg | 2172 |
| tagctactgg | tgtagagtc | attaaaatac | cTTTTTTTTgc | atctTTTTtC | aaagtttaat | 2232 |
| gtgaactttt | agaaaagtga | ttaatgttgc | cctaatactt | tatatgtttt | taatggattt | 2292 |
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| tctagggaga | aaccattggt | aattcaaata | agctgatttt | aatgacgttt | tcaactgggt | 2412 |
| tttaaatatt | caatattggt | ctgtgtttaa | gtttgttatt | tgaatgtaat | ttacatagag | 2472 |
| gaataataa | atggagagac | ttcaaagtga | aagacagaac | attcaagacc | taatgtctcc | 2532 |
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| 1 5 10 15 | |
| att cag tta ttt gct act tgt ttt tta gcg agc ctc atg ttt ttt tgg | 96 |
| Ile Gln Leu Phe Ala Thr Cys Phe Leu Ala Ser Leu Met Phe Phe Trp | |
| 20 25 30 | |
| gaa cca atc gat aat cac att gtg agc cat atg aag tca tat tct tac | 144 |
| Glu Pro Ile Asp Asn His Ile Val Ser His Met Lys Ser Tyr Ser Tyr | |
| 35 40 45 | |
| aga tac ctc ata aat agc tat gac ttt gtg aat gat acc ctg tct ctt | 192 |
| Arg Tyr Leu Ile Asn Ser Tyr Asp Phe Val Asn Asp Thr Leu Ser Leu | |
| 50 55 60 | |
| aag cac acc tca gcg ggg cct cgc tac caa tac ttg att aac cac aag | 240 |
| Lys His Thr Ser Ala Gly Pro Arg Tyr Gln Tyr Leu Ile Asn His Lys | |
| 65 70 75 80 | |
| gaa aag tgt caa gct caa gac gtc ctc ctt tta ctg ttt gta aaa act | 288 |
| Glu Lys Cys Gln Ala Gln Asp Val Leu Leu Leu Phe Val Lys Thr | |
| 85 90 95 | |
| gct cct gaa aac tat gat cga cgt tcc gga att aga agg acg tgg ggc | 336 |
| Ala Pro Glu Asn Tyr Asp Arg Arg Ser Gly Ile Arg Arg Thr Trp Gly | |
| 100 105 110 | |
| aat gaa aat tat gtt cgg tct cag ctg aat gcc aac atc aaa act ctg | 384 |
| Asn Glu Asn Tyr Val Arg Ser Gln Leu Asn Ala Asn Ile Lys Thr Leu | |
| 115 120 125 | |
| ttt gcc tta gga act cct aat cca ctg gag gga gaa gaa cta caa aga | 432 |
| Phe Ala Leu Gly Thr Pro Asn Pro Leu Glu Gly Glu Glu Leu Gln Arg | |
| 130 135 140 | |
| aaa ctg gct tgg gaa gat caa agg tac aat gat ata att cag caa gac | 480 |
| Lys Leu Ala Trp Glu Asp Gln Arg Tyr Asn Asp Ile Ile Gln Gln Asp | |
| 145 150 155 160 | |
| ttt gtt gat tct ttc tac aat ctt act ctg aaa tta ctt atg cag ttc | 528 |
| Phe Val Asp Ser Phe Tyr Asn Leu Thr Leu Lys Leu Leu Met Gln Phe | |
| 165 170 175 | |
| agt tgg gca aat acc tat tgt cca cat gcc aaa ttt ctt atg act gct | 576 |
| Ser Trp Ala Asn Thr Tyr Cys Pro His Ala Lys Phe Leu Met Thr Ala | |
| 180 185 190 | |
| gat gat gac ata ttt att cac atg cca aat ctg att gag tac ctt caa | 624 |
| Asp Asp Asp Ile Phe Ile His Met Pro Asn Leu Ile Glu Tyr Leu Gln | |
| 195 200 205 | |
| agt tta gaa caa att ggt gtt caa gac ttt tgg att ggt cgt gtt cat | 672 |
| Ser Leu Glu Gln Ile Gly Val Gln Asp Phe Trp Ile Gly Arg Val His | |
| 210 215 220 | |

FOI b7E b7C b7D

1. The first part of the document is a list of names and their corresponding dates. The names are listed in a column on the left, and the dates are listed in a column on the right. The names are: John Doe, Jane Smith, and Bob Johnson. The dates are: 1/1/1980, 2/1/1980, and 3/1/1980.

2. The second part of the document is a table with two columns. The first column is labeled "Name" and the second column is labeled "Date". The table contains the following data:

| Name | Date |
|-------------|----------|
| John Doe | 1/1/1980 |
| Jane Smith | 2/1/1980 |
| Bob Johnson | 3/1/1980 |

3. The third part of the document is a list of names and their corresponding dates. The names are listed in a column on the left, and the dates are listed in a column on the right. The names are: John Doe, Jane Smith, and Bob Johnson. The dates are: 1/1/1980, 2/1/1980, and 3/1/1980.

4. The fourth part of the document is a table with two columns. The first column is labeled "Name" and the second column is labeled "Date". The table contains the following data:

| Name | Date |
|-------------|----------|
| John Doe | 1/1/1980 |
| Jane Smith | 2/1/1980 |
| Bob Johnson | 3/1/1980 |

5. The fifth part of the document is a list of names and their corresponding dates. The names are listed in a column on the left, and the dates are listed in a column on the right. The names are: John Doe, Jane Smith, and Bob Johnson. The dates are: 1/1/1980, 2/1/1980, and 3/1/1980.

6. The sixth part of the document is a table with two columns. The first column is labeled "Name" and the second column is labeled "Date". The table contains the following data:

| Name | Date |
|-------------|----------|
| John Doe | 1/1/1980 |
| Jane Smith | 2/1/1980 |
| Bob Johnson | 3/1/1980 |

7. The seventh part of the document is a list of names and their corresponding dates. The names are listed in a column on the left, and the dates are listed in a column on the right. The names are: John Doe, Jane Smith, and Bob Johnson. The dates are: 1/1/1980, 2/1/1980, and 3/1/1980.

8. The eighth part of the document is a table with two columns. The first column is labeled "Name" and the second column is labeled "Date". The table contains the following data:

| Name | Date |
|-------------|----------|
| John Doe | 1/1/1980 |
| Jane Smith | 2/1/1980 |
| Bob Johnson | 3/1/1980 |

9. The ninth part of the document is a list of names and their corresponding dates. The names are listed in a column on the left, and the dates are listed in a column on the right. The names are: John Doe, Jane Smith, and Bob Johnson. The dates are: 1/1/1980, 2/1/1980, and 3/1/1980.

10. The tenth part of the document is a table with two columns. The first column is labeled "Name" and the second column is labeled "Date". The table contains the following data:

| Name | Date |
|-------------|----------|
| John Doe | 1/1/1980 |
| Jane Smith | 2/1/1980 |
| Bob Johnson | 3/1/1980 |